



## Custom Molding of Precision Materials

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When he moved to Los Angeles 60 years ago, Ray LaPorte had no intention of becoming one of the leading molders of electrical connector insulators for the military. All La Porte really had in mind when he moved his family west from Rhode Island back in 1951 was to be his own boss. Thus, with a \$22,000 machinery investment, he set up shop with partner Karl Bischoff, whom he had met while working as a machinist at a jewelry manufacturer in Providence

The fledging company's first job was to produce a potentiometer transfer mold for the electronics industry for Gaylord Plastics, Inc. a local firm located next door to the 400 sq. ft. Rakar Office.

### Thermoplastic Materials:

Rakar has the knowledge & capability to mold many types of thermoplastic materials. We typically use engineering grade resins ranging from Nylon & Polyester to high performance resins such as PEEK & LCP. Having produced small, medium & large production runs of thousands of different products, Rakar can meet your specific injection molding requirements from simple to complex sizes, shapes &

tolerance. Thermoplastic Resins having specific properties are compounded with additives such as reinforcements (glass or carbon), U.V. inhibitors, flame retardants, conductive elements, lubricants or toughness agents, to attain desired properties.



### Capabilities

Insert molding is a valuable, yet comprehensive process that should only be trusted to a quality molding company. This meticulous, custom molding process has many variables to consider. One question molders are often addressing is how to keep inserts, which may need a specific orientation, from spinning or moving as the material is injected into the mold. Our team here at Rakar has tackled & achieved success over all Insert Molding issues we have faced for the past 60 years.



## Quality Control

When you work with Rakar, Inc. you can be confident that you are working with the best. We have been in business for over 60 years & our customers have come to rely on our experience & attention to detail with thermoplastic & thermoset plastic compounds for unparalleled injection, compression & transfer molding services. Between Rakar's complete In-House Tooling Department, Over 40 Molding Machines, Secondary Operations, Superior Quality Control Department, In-House Shipping & Logistics Department & warehousing services you can be confident that "From Concept to Competition" the products we product for you here at Rakar will either meet or exceed your expectations. In addition, NEVER forget the value of truth, respect, fairness & hard work.



## Rakar Tooling

### In-House Tool Design:

Our complete in-house tooling department serves as a critical division here at Rakar.

We understand that the quality of your Mold is directly essential to success of your molded part. We have learned from decades of experience how parts should be designed & produced for optimal performance, appearance & functionality.

We have all the equipment necessary to produce tools to the highest standard. Our tooling department equipment includes:

- State of the Art CAD / CAM design software
- CNC Mills
- EDM Sinker
- Lathes
- Grinders
- Mills
- Heat Treating
- Surface Grinders
- Outside Plating & Coating Available



Rakar maintains their roots as an insulator specialist however; the company is branching out with new proprietary products currently under development!

**For more information please visit**

**<http://www.rakarinc.com>**